



HP ElitePad 1000 G2 Repairability Assessment

Repairability assessment of the HP ElitePad 1000 G2 Tablet PC, performed on January 10, 2017.

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INTRODUCTION

The HP ElitePad 1000 G2 received a 7 out of 10 on our repairability scale, as it is easy to open (especially for a tablet), making most repairs significantly easier. The battery replacement destroys consumables and the RAM and SSD are non-replaceable, however, hurting its score.



TOOLS:

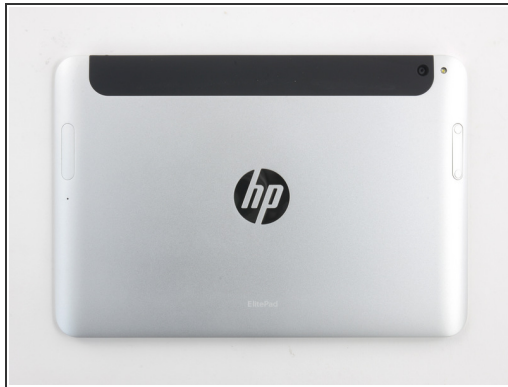
- [Phillips #00 Screwdriver](#) (1)
 - [Tweezers](#) (1)
 - [Opening Pick](#) (1)
 - [Spudger](#) (1)
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Step 1 — HP ElitePad 1000 G2 Repairability Assessment



- Reference shot with packaging.

Step 2



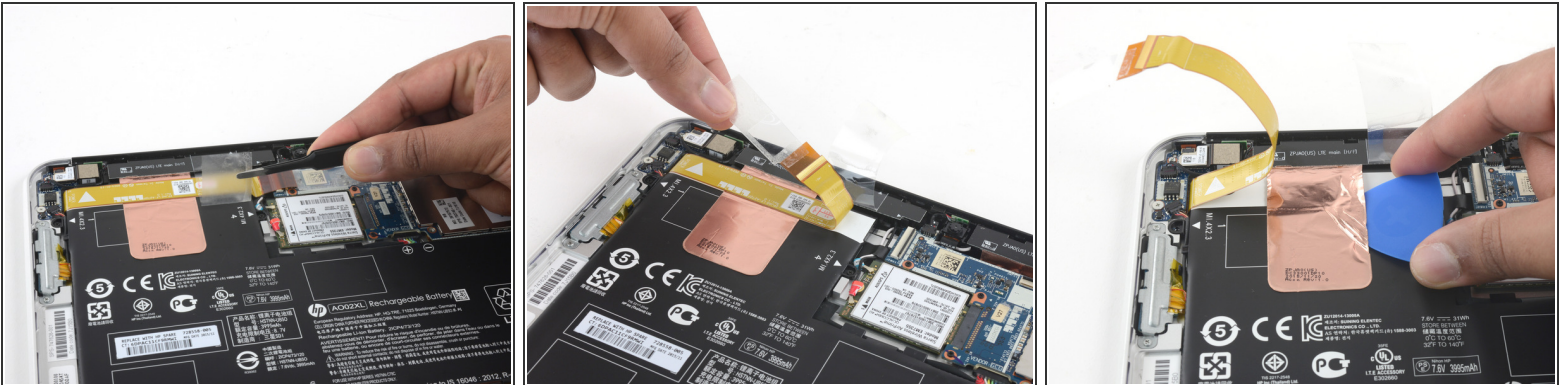
- Front, back, and lower edge reference shots.

Step 3



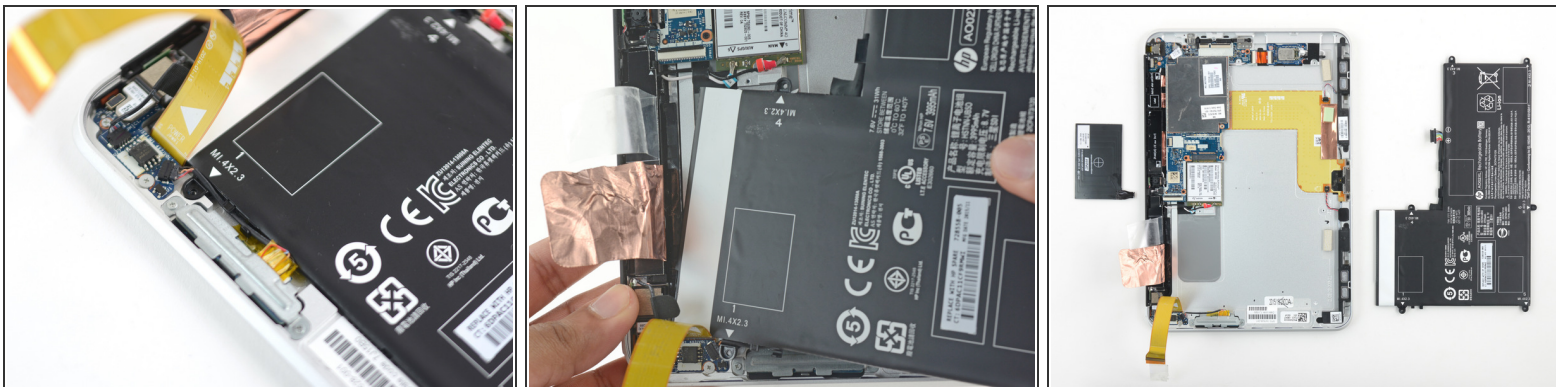
- Two Phillips screws are recessed in the case, holding the display in place.
- All it takes is a suction cup to lift up the display assembly which is secured with clips. We disconnect two cables and the fused display is removed.
- Internal shot.

Step 4



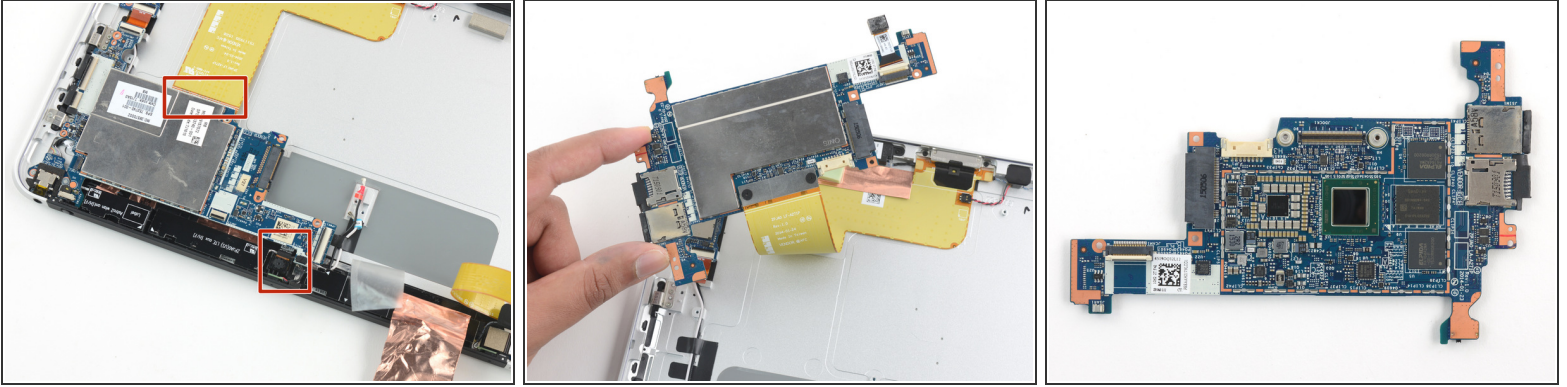
- Needed to peel the NFC antenna out of the way to access the battery connector.
- And then peel away four more pieces of tape that run over and around the battery.

Step 5



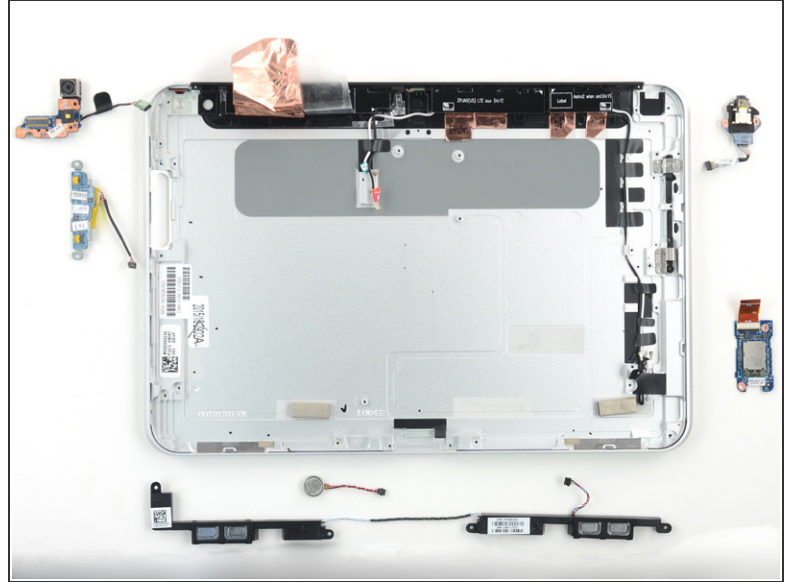
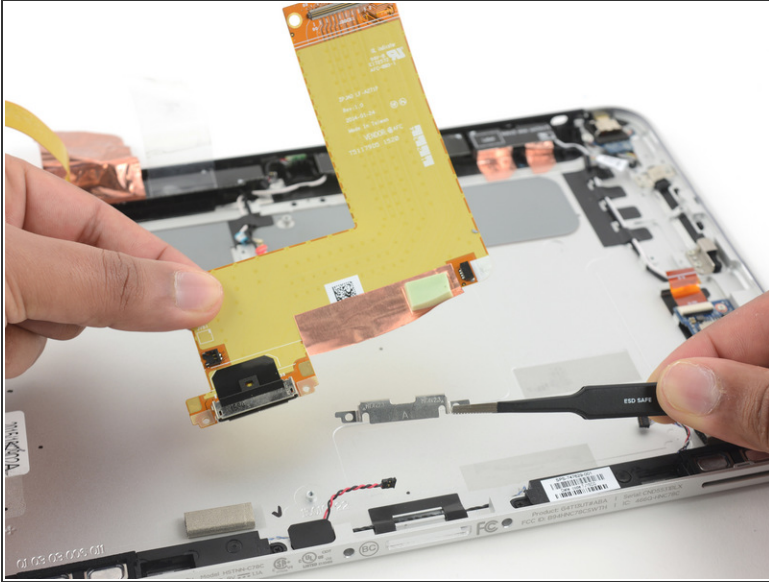
- After we deroute two cables we can safely peel the battery away from the small strip of adhesive holding it in place.
- This battery wasn't necessarily difficult, but it involved more steps than we expected, and involved destroying some consumables.

Step 6



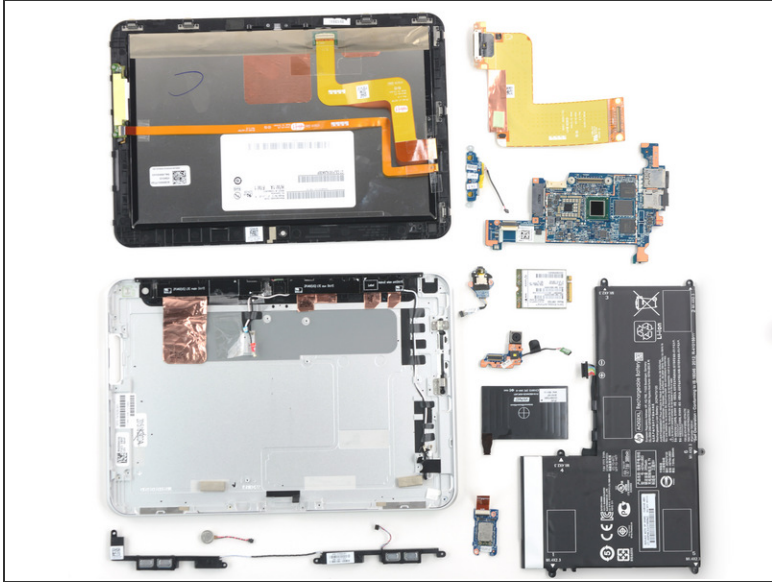
- Motherboard removal is next. We start with the wireless card—pretty straightforward.
- After removing the five screws and three remaining cables connected to the motherboard, we discover there are two cables connected to the back of the board. This is inconvenient and means we need to remove the selfie camera with the main board.
- Flipping the motherboard over reveals a pair of screws securing the lower assembly flex cable to the main board.
- With those taken care of, we flip the ZIF connector for the selfie camera, slip it out of the socket, and the motherboard removal is complete.
- Board shot for reference.

Step 7

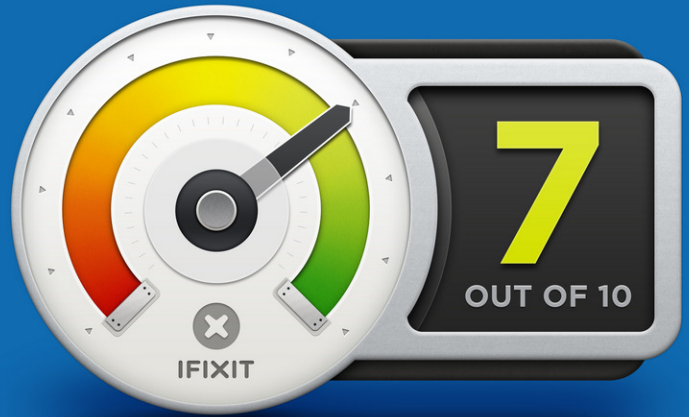


- We're near the end. Next to come out is the lower assembly flex cable. It's secured to the lower edge with a pair of screws and a bracket.
- Then we unscrew a handful of remaining components including:
 - volume and power buttons
 - main camera
 - headphone jack
 - WLAN board
 - speakers
- ① None of these are secured with adhesive except for the vibrating motor glued in at the lower edge of the tablet.

Step 8



REPAIRABILITY SCORE:



- The HP ElitePad 1000 G2 earns a **7 out of 10** on our repairability scale (10 is the easiest to repair):
 - Display is easy to remove and has no adhesive.
 - Most commonly-failing components, including all the ports and buttons and are modular and can be replaced quickly.
 - Manufacturer provides user-accessible repair documentation and sells replacement parts.
 - The battery can be removed relatively quickly, but is covered in tape that needs to be replaced.
 - RAM and SSD are soldered to the motherboard and non-upgradable.

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